

PATENT

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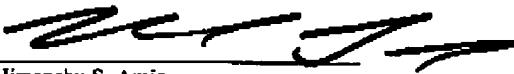
MAY 17 2006

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being faxed to 571-273-8300 on the date shown below to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: 5-17-06

Himanshu S. Amin

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of:

Applicant(s): Frederick M. Discenzo, *et al.*

Examiner: Albert W. Paladini

Serial No: 09/964,939

Art Unit: 2125

Filing Date: September 27, 2001

Title: SYSTEM AND METHOD FOR DYNAMIC MULTI-OBJECTIVE OPTIMIZATION  
OF PUMPING SYSTEM OPERATION AND DIAGNOSTICS

**Mail Stop Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**

**REPLY TO OFFICE ACTION DATED FEBRUARY 17, 2006**

Dear Sir:

Favorable reconsideration of the above-identified patent application is respectfully requested in view of the amendments and comments below.